IN THE CLAIMS

Please amend the claims as follows:

1. (Previously Presented) A power control system for a recreational vehicle comprising:

a connector adapted for receiving electrical current from a source of shore power, the connector for connecting the recreational vehicle to the source of shore power;

a sensor for automatically determining the amp service level of the shore power input to the recreational vehicle; and

means for setting an electrical system not to exceed the sensed amp service level of the shore power.

2. (Previously Presented) The power control system of claim 1 wherein the amp service level of the shore power is determined by a phase difference between at least two phases of the shore power.

3. (Previously Presented) The power control system of claim 2 further comprising a rechargeable power source wherein the amount of current used to recharge the rechargeable power source is automatically adjusted based on the amount of available shore or generator power.

4. (Original) The power control system of claim 3 wherein the rechargeable power source includes a battery.

5. (Original) The power control system of claim 3 wherein the rechargeable power source includes a capacitor.

6. (Original) The power control system of claim 3 wherein the rechargeable power source includes an inverter.

7-118. (Cancelled)

119. (New) The power control system of claim 1, further comprising means for automatically connecting a generator to the electrical system when an electrical load of the electrical system is higher than the sensed amp service level of the shore power.

120. (New) The power control system of claim 1, wherein the power control system is automatically set to the sensed amp service level.

121. (New) A power control system for a recreational vehicle comprising:

a connector adapted for receiving electrical current from a source of shore power, the connector for connecting the recreational vehicle to the source of shore power;

a controller for automatically determining the amp service level of the shore power input to the recreational vehicle and automatically setting an amp limit threshold for an electrical system depending on the sensed amp service level; and

means for automatically connecting a generator to the electrical system when an electrical load of the electrical system is higher than the sensed amp service level of the shore power.

122. (New) The power control system of claim 121 wherein the amp service level of the shore power is determined by a phase difference between at least two phases of the shore power.

123. (New) The power control system of claim 122 further comprising a rechargeable power source wherein the amount of current used to recharge the rechargeable power source is automatically adjusted based on the amount of available shore power or generator power.

124. (New) The power control system of claim 123 wherein the rechargeable power source includes a battery.

125. (New) The power control system of claim 123 wherein the rechargeable power source includes a capacitor.